

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 - 24 (cancelled).

25 (new). A method for customized image display, said method comprising the acts of:

reading an initial part of an image file at a client, said file being hosted on a
server;

parsing said initial part to identify any additional parts that may be needed to
render a selection of said image file;

requesting said additional parts from said server when said additional parts are
needed;

displaying said selection of said image file at said client.

26 (new). The method of claim 25 wherein said displaying is performed via a client image interface and further comprising allowing selection of an image customization selection via said client image interface.

27 (new). The method of claim 26 further comprising parsing supplementary image parts of said image file to determine which parts are required to display said image customization selection and requesting said required image parts.

28 (new). The method of claim 25 wherein the size of said initial part is relative to the bandwidth of the connection between said server and said client.

29 (new). The method of claim 25 wherein said initial part comprises metadata comprising data selected from the group consisting of image quality data, scalability data, resolution data and ROI data.

30 (new). The method of claim 25 wherein said image file is a JPEG 2000 image file.

31 (new). The method of claim 25 wherein said image file comprises packets interleaved in a progression order selected from the group consisting of layer-resolution-component-position progressive, resolution-layer-component-position progressive, resolution-position-component-layer progressive, position-component-resolution-layer progressive and component-position-resolution-layer progressive.

32 (new). The method of claim 25 wherein said initial part comprises file header data.

33 (new). A method for interactive customized image transmission, said method comprising the acts of:

reading an initial part of an image file from a client, said file being hosted on a server;

parsing said initial part to identify any additional parts that may be needed to render a representation of said image file;

requesting said additional parts from said server when said additional parts are needed;

displaying said representation of said image file at said client through a client image interface;

receiving an image customization selection of said image via said client image interface;

parsing supplementary image parts when said initial part and said additional parts do not contain sufficient information to identify any subsequent parts that may be needed to render said customization of said image file; and

receiving said customization of said image at said client.

34 (new). A method for customized image transmission, said method comprising the acts of:

reading an image index file from a client, said index file being hosted on a server along with an associated image file, and said index file comprising a map of components of said image file;

determining, at said client using said index file data, the parts of said image file that are required to display a selected part of said image file; and
requesting transmission of said selected parts from said server to said client.

35 (new). The method of claim 34 further comprising displaying said selected part of said image file at said client.

36 (new). The method of claim 35 wherein said displaying is performed via a client image interface and further comprising allowing selection of an image customization selection via said client image interface.

37 (new). The method of claim 36 further comprising accessing said index file to determine image parts of said image file that are required to display said image customization selection and requesting said required image parts.

38 (new). The method of claim 37 further comprising displaying said image customization selection at said client.

39 (new). The method of claim 25 wherein said image file is a JPEG 2000 image file.

40 (new). The method of claim 25 wherein said image file comprises packets interleaved in a progression order selected from the group consisting of layer-resolution-component-position progressive, resolution-layer-component-position progressive, resolution-position-component-layer progressive, position-component-resolution-layer progressive and component-position-resolution-layer progressive.

41 (new). An apparatus for customized image retrieval, said apparatus comprising:

- a reader for reading an initial part of an image file at a client, said file being hosted on a server;
- a parser for parsing said initial part to identify any additional parts that may be needed to render a portion of said image file; and
- a requester for requesting said additional parts from said server when said additional parts are needed.